

# TECHNOLOGY ASSESSMENT AND FORECAST REPORT

U.S. COLLEGES AND UNIVERSITIES--

UTILITY PATENT GRANTS 1969-1997

[Excerpt—Attachment A and Tab C only]



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*A TECHNOLOGY ASSESSMENT AND FORECAST REPORT*

## U.S. COLLEGES AND UNIVERSITIES— UTILITY PATENT GRANTS 1969-1997

This report, prepared by the United States Patent and Trademark Office, Office for Patent and Trademark Information, summarizes utility patent activity of U.S. colleges, universities, and associations composed of U.S. colleges and universities, during calendar years 1969-1997. The content of the report includes numbers of utility patents assigned annually and the technological emphases of patents assigned to U.S. colleges and universities. Tabular presentations are provided for all institutions; in addition, separate tabulations are provided for each institution ranked in the top 100 by total research and development (R&D) expenditures in fiscal year 1996.

Patent data presented in this report were obtained from the USPTO's Technology Assessment and Forecast (TAF) database. The TAF database is maintained by the Office for Patent and Trademark Information and contains the bibliographic information from patents that have issued since 1963. Academic institutions ranked in the top 100 for R&D expenditures in FY 1996 were identified from National Science Foundation report, *Academic Research and Development Expenditures, Fiscal Year 1996* (NSF 98-304).

This report contains two attachments, followed by five tabular presentations of data for U.S. colleges, universities, or associations of colleges and universities that received one or more utility patents between 1969-97.

Attachment A is an alphabetical listing of all institutions represented in the report and the number of utility patents assigned to each institution between 1969-1997.

Attachment B is a numeric listing of patent classes of technology and the title of each class, as of December 31, 1997. Classes of technology correspond to the U.S. Patent Classification (USPC) system that existed on December 31, 1997.

TAB A shows total numbers of patents granted annually in each class of technology between 1969-97 (data for 1969-77 are consolidated), for all institutions. Classes of technology correspond to those which appear in Attachment B. The USPC system is comprised of 400+ classes of technology that are divided into 140,000+ subclasses. When a patent is granted it receives at least one class/subclass designation; additional class/subclass designations may be given, depending on which technologies are disclosed in the patent. The "original" class is the first class to appear on the patent; additional class/subclasses (if present) are referred to as cross-references. The distribution of patents in TAB A is based on the "original" class of technology that appears on patents assigned to academic institutions.

TAB B identifies classes of technology that are more or less emphasized in patents assigned to all U.S. academic institutions between 1969-97. A University Activity Index identifies classes of technology in which relatively more or fewer patents are assigned to academic institutions vis a vis all patent

assignees. Patent counts in each USPC class of technology are also provided for all U.S. academic institutions and for all U.S. patent assignees.

TAB C provides total numbers of patents granted between 1969-97 to all academic institutions. Patent counts are distributed by year of patent grant and by year of application filing. Further breakouts show counts by geographic origin, based on the country of residence of the first named inventor. For each academic institution, patent counts by year of grant and by year of application filing are also provided.

TAB D and TAB E provide the following data for each academic institution ranked in the top 100 by R&D expenditures in FY 1996:

TAB D shows numbers of utility patents granted to each college or university ranked in the top 100, distributed by class of technology. Data are provided for all years 1969-76, and for individual years 1977-97.

TAB E gives numbers of utility patents granted to each college or university ranked in the top 100, for all years 1969-83, and for individual years 1984-97. Patents are distributed by year of grant and by year of application filing.

#### Selection of Academic Institutions

Academic institutions that appear in this report consist of U.S. colleges, universities, and associations of U.S. colleges and universities that were assigned one or more U.S. utility patents between 1969-97.

The selection of academic institutions is based on a search of patent assignee names that appear in the Technology Assessment and Forecast assignee file. The assignee file is an alphabetical listing of more than 166,000 names of owners of U.S. patents.

Only the first-named assignee on a patent is contained in the TAF data base. This eliminates double-counting of patents when distributions are based on assignee name. Thus, a search of patents assigned to academic institutions excludes patents with a first-named assignee that is not an academic institution, but with a second assignee that is a U.S. academic institution; however, this situation is relatively infrequent.

A comprehensive list of institutions selected for inclusion in this report is presented in alphabetical order in Attachment A. Academic institutions that are included in this report for the first time this year are shown below. Some of these institutions (e.g., University of Maryland Biotechnology Institute) may be components of larger academic institutions or systems that appear elsewhere in the report (e.g., University of Maryland):

- Board of Regents of the University and Community College System of Nevada
- Bradley University
- Georgia State University Research Foundation

- Johns Hopkins Hospital
- Ohio University Edison Animal Biotechnology Institute
- South Dakota State University
- The University of Memphis
- University of Hawaii, Office of Technology Transfer and Economic Development
- University of Maryland Biotechnology Institute
- University of Portland
- University of Tulsa
- Virginia State University

Careful consideration should be given to the use of patent data to assess the inventive activity of a particular component of a larger institution or state-wide system. A search of patents assigned to the University of California--Los Angeles, for example, might result in the identification of several patents with that assignee name. However, the assignee name that appears on other patents associated with the UCLA campus might simply show University of California. This situation occurs when the patent applicant or legal representative, who is responsible for providing the assignee name that appears on the patent, variously provides the name of the state-wide system, a particular campus, or a foundation, institute, etc. within a college or university.

The lack of consistency in the format of assignee names can also pose a problem identifying patents associated with colleges and universities ranked in the top 100 according to R&D expenditures in fiscal year 1996. The top 100 institutions in the NSF survey are not necessarily ranked according to state-wide systems. For example, the University of California – San Diego was ranked 6<sup>th</sup> in R&D expenditures in FY 1996 and the University of California – Los Angeles was ranked 8<sup>th</sup>, according to NSF figures. As noted above, it is not always possible to associate patents with a specific campus or research center separately from the larger institution or state-wide system to which it belongs. For purposes of this report, the R&D expenditures at all campuses of a given institution were consolidated into a single figure. Similarly, all patents associated with a given institution, its various campuses, known research centers, foundations, or institutes that are integral units of that institution were consolidated into a single patent count. Consolidated figures for top 100 institutions are presented in TAB D (distributed by class of technology) and TAB E (total numbers of utility patents). The data presented in TAB C (annual patent counts), which represent all U.S. colleges and universities are not consolidated. Multiple entries for a particular university and its integral units may be individually listed in TAB C.

### Data Base Records

The TAF data base includes bibliographic data items for 2.7 million U.S. patents issued since 1963. While every effort is made to ensure accurate data for all patents, the size and complexity of the data base prevent achievement of a totally "clean" record. The following points are noted.

1) A foreign origin patent in this report is a patent [assigned to an academic institution at the time of issue] with a first-named inventor who resided in a country other than the United States.

2) The expression "Corporate Owned" applies to patents owned by non government organizations. Thus, patents assigned to academic institutions are characterized as "corporate."

3) Patents assigned to U.S. academic institutions should be categorized as U.S. corporate owned. Patents in this report that are characterized as U.S. government, foreign corporate, foreign government or individually owned patents are the result of errors in the patent record.

4) Recent enhancements to the TAF information retrieval system have resulted in a much improved capability to validate and correct the information in the TAF data base. In 1992, the TAF program office corrected several patent assignment errors on records which included some universities, especially in the states of Oregon and Arizona. Thus, total patent counts for these institutions may show unusually large increases (or decreases), compared to data contained in prior reports.

5) Patent classification information in this report reflects changes to the USPC, effective December 1997. At the time of issue, each patent is classified into one or more USPC classes of technology--the first class listed is known as the "original" class. Subsequent expansion or changes in the technology associated with a particular class may require a modification to the USPC. As a result, a patent may be reclassified into a new class. Thus, the current, original class associated with a patent may not be the same class assigned at the time of issue. The distribution of patents by class in this report is based on current, original class, as of December 1997.

## Results

In 1997 the USPTO issued 111,984 utility patents, of which 2,436 (2.2%) were assigned to a U.S. college, university or association of U.S. colleges and universities. Both the number and percent of total patents assigned to U.S. academic institutions have steadily increased since 1984, when only 551 utility patents (.8% of total) were assigned to U.S. academic institutions. The 2,436 patents assigned to U.S. academic institutions in 1997 represent 4.8% of the 50,229 patents assigned to non-government, U.S. organizations. (See Table 1.)

TABLE 1. UTILITY PATENTS ASSIGNED TO U.S. COLLEGES AND UNIVERSITIES  
NUMBER AND PERCENT OF TOTAL UTILITY PATENT GRANTS, AND CORPORATE OWNED PATENTS

	1969-83	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1969-97
Total utility grants	1000325	67200	71661	70860	82952	77924	95537	90364	96513	97444	98343	101676	101419	109646	111984	2273848
U.S. corporate owners	499458	29999	31181	29490	33726	31437	38664	36093	39133	40308	41826	44036	44035	48741	50229	1038356
non-universities	494691	29448	30592	28820	32907	30623	37436	34910	37791	38766	40206	42256	42156	46587	47793	1014982
universities	4767	551	589	670	819	814	1228	1183	1342	1542	1620	1780	1879	2154	2436	23374
University patents as % of total utility patents	0.5%	0.8%	0.8%	0.9%	1.0%	1.0%	1.3%	1.3%	1.4%	1.6%	1.6%	1.8%	1.9%	2.0%	2.2%	1.0%
University patents as % of corporate-owned utility patents	1.0%	1.8%	1.9%	2.3%	2.4%	2.6%	3.2%	3.3%	3.4%	3.8%	3.9%	4.0%	4.3%	4.4%	4.8%	2.3%

Institutions with larger numbers of utility patents received in 1997 were the University of California (275 patents), followed by Massachusetts Institute of Technology (102 patents), and the University of Texas (81 patents). These institutions were also the top three recipients of U.S. utility patents in 1996.

Technologies that have been emphasized in patenting by U.S. colleges and universities include superconductors, biotechnology, and pharmaceuticals. Between 1969-97, disproportionately more patents assigned to U.S. academic institutions were in the following classes of technology:

- Class 800—Multicellular Living Organisms and Unmodified Parts Thereof;
- Class 435—Chemistry: Molecular Biology and Microbiology;
- Class 530—Chemistry: Natural Resins or Derivatives; Peptides or Proteins; Lignins or Reaction Products Thereof;
- Class 505—Superconductor Technology: Apparatus, Material, Process;
- Class 536—Organic Compounds—Part of the Class 532-570 Series; and
- Class 424—Drug, Bio-Affecting and Body Treating Compositions.

## PLEASE NOTE

The patent data in this report were developed by the Technology Assessment and Forecast Program of the U.S. Patent and Trademark Office (PTO) with the support of the Science Indicators Unit, National Science Foundation (NSF).

Use and further release of these data, in whole or in part, are permitted. However, acknowledgment of the source of the data and absolution of the NSF or PTO from responsibility for any opinions or recommendations expressed in any document using or containing the data are required. The following language is recommended:

"Data on patent counts appearing in this document were prepared under the support of the Science Indicators Unit, National Science Foundation, by the Technology Assessment and Forecast Program, U.S. Patent and Trademark Office. Any opinions or recommendations expressed in this document are those of the authors and do not necessarily reflect the views of the National Science Foundation or the Patent and Trademark Office."

## U.S. Colleges and Universities with Utility Patents Assigned 1969-1997

Number of Patents	College/University Name
1	ADELPHI RESEARCH CENTER, INC.
4	ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY
37	ALFRED UNIVERSITY
18	ALFRED UNIVERSITY RESEARCH FOUNDATION INC.
1	ALL AMERICAN UNIVERSITY, INCORPORATED
5	AMBASSADOR COLLEGE
1	AMERICAN TECHNOLOGICAL UNIVERSITY
1	ANTIOCH COLLEGE
19	ARIZONA BOARD OF REGENTS
74	ARIZONA STATE UNIVERSITY
80	ASSOCIATED UNIVERSITIES, INC.
10	AUBURN RESEARCH FOUNDATION
13	AUBURN UNIVERSITY
1	AUBURN UNIVERSITY RESEARCH FOUNDATION
2	BALL STATE UNIVERSITY
111	BAYLOR COLLEGE OF MEDICINE
1	BAYLOR RESEARCH FOUNDATION, A NONPROFIT CORPORATION OF THE S
9	BAYLOR RESEARCH INSTITUTE(FORMERLY BAYLOR RESEARCH FOUNDATION)
11	BAYLOR UNIVERSITY
7	BELOIT COLLEGE
2	BOARD OF OVERSEERS OF GOSHEN COLLEGE
6	BOARD OF REGENTS
3	BOARD OF REGENTS ACTING FOR AND ON BEHALF OF UNIVERSITY OF M
1	BOARD OF REGENTS FOR EDUCATION OF THE STATE OF RHODE ISLAND
17	BOARD OF REGENTS OF THE OKLAHOMA AGRICULTURAL & MECHANICAL C
1	BOARD OF REGENTS OF THE OU
2	BOARD OF REGENTS OF THE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF NEVADA
88	BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA
2	BOARD OF TRUSTEES OF THE WICHITA STATE UNIVERSITY
6	BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY
1	BOSTON COLLEGE
166	BOSTON UNIVERSITY
1	BOSTON UNIVERSITY RESEARCH FOUNDATION
4	BOWLING GREEN STATE UNIVERSITY
1	BOWMAN GRAY SCHOOL OF MEDICINE, WAKE FOREST UNIVERSITY
1	BRADLEY UNIVERSITY
43	BRANDEIS UNIVERSITY
80	BRIGHAM YOUNG UNIVERSITY
2	BROOKLYN COLLEGE FOUNDATION
2	BROWN UNIVERSITY
47	BROWN UNIVERSITY RESEARCH FOUNDATION
1	BUREAU OF FACULTY RESEARCH OF WESTERN WASHINGTON UNIVERSITY
1	BW BROWN UNIVERSITY RESEARCH FOUNDATION
660	CALIFORNIA INSTITUTE OF TECHNOLOGY
1	CALIFORNIA INSTITUTE OF TECHNOLOGY, JET PROPULSION LABORATORY
18	CALIFORNIA INSTITUTE RESEARCH FOUNDATION
5	CALIFORNIA POLYTECHNIC STATE UNIVERSITY FOUNDATION
4	CALIFORNIA STATE UNIVERSITY FRESNO FOUNDATION
1	CALIFORNIA STATE UNIVERSITY FULLERTON FOUNDATION
90	CARNEGIE-MELLON UNIVERSITY
85	CASE WESTERN RESERVE UNIVERSITY
1	CENTRAL MICHIGAN UNIVERSITY BOARD OF TRUSTEES
1	CHAPMAN COLLEGE
1	CITY COLLEGE OF NEW YORK
3	CLARK UNIVERSITY
2	CLARKSON UNIVERSITY
81	CLEMSON UNIVERSITY
17	CLEVELAND STATE UNIVERSITY

Number of Patents	College/University Name
1	COLLEGE OF FORESTRY, WILDLIFE & RANGE SCIENCES, UNIVERSITY O
1	COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY
21	COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
37	COLORADO STATE UNIVERSITY RESEARCH FOUNDATION
218	COLUMBIA UNIVERSITY
5	CONCORDIA UNIVERSITY
1	COOPER UNION RESEARCH FOUNDATION, INC.
1	COOPERATIVE INSTITUTE FOR RESEARCH IN ENVIRONMENTAL SCIENCES
535	CORNELL RESEARCH FOUNDATION INC.
2	CORNELL UNIVERSITY
3	CORPORATION OF GONZAGA UNIVERSITY
7	CREIGHTON UNIVERSITY
2	CREIGHTON UNIVERSITY OFFICE OF TECHNOLOGY LICENSING
137	CURATORS OF THE UNIVERSITY OF MISSOURI
38	DARTMOUTH COLLEGE
2	DENVER RESEARCH INSTITUTE
1	DEPARTMENT OF MECHANICAL ENGINEERING LOUISIANA TECH UNIVERSI
1	DIVISION OF PLASTIC SURGERY OF THE MEDICAL SCHOOL OF NORTHWE
2	DREXEL INSTITUTE OF TECHNOLOGY
33	DREXEL UNIVERSITY
193	DUKE UNIVERSITY INC.
2	DUKE UNIVERSITY MEDICAL CENTER
1	DUKE UNIVERSITY PATENTS FOUNDATION
10	DUQUESNE UNIVERSITY OF THE HOLY GHOST
10	EAST CAROLINA UNIVERSITY
1	EAST TENNESSEE STATE UNIVERSITY
5	EASTERN MICHIGAN UNIVERSITY
3	EASTERN VIRGINIA MEDICAL SCHOOL
6	EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROADS
1	EASTERN WASHINGTON UNIVERSITY
82	EMORY UNIVERSITY
1	ENDOWMENT AND ALUMNI FOUNDATION AT MONTANA STATE UNIVERSITY
4	ENDOWMENT AND RESEARCH FOUNDATION AT MONTANA STATE UNIVERSIT
1	ENGINEERING RESEARCH CTR., NORTH CAROLINA STATE UNIV.
1	FAIRFIELD UNIVERSITY
2	FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY
12	FLORIDA ATLANTIC UNIVERSITY
2	FLORIDA INSTITUTE OF TECHNOLOGY
4	FLORIDA INTERNATIONAL UNIVERSITY
49	FLORIDA STATE UNIVERSITY
1	FORT VALLEY STATE COLLEGE
2	FOUNDATION AT NEW JERSEY INSTITUTE OF TECHNOLOGY
1	GEORGE MASON UNIVERSITY
13	GEORGE WASHINGTON UNIVERSITY
1	GEORGE WASHINGTON UNIVERSITY, OFFICE OF SPONSORED RESEARCH
72	GEORGETOWN UNIVERSITY
10	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION
236	GEORGIA TECH RESEARCH CORP.
9	GMI ENGINEERING & MANAGEMENT INSTITUTE
1	GRAND VALLEY STATE UNIVERSITY
6	HAHNEMANN UNIVERSITY
237	HARVARD COLLEGE, PRESIDENT AND FELLOWS
3	HARVEY MUDD COLLEGE
10	HOWARD UNIVERSITY
23	ILLINOIS INSTITUTE OF TECHNOLOGY
4	ILLINOIS STATE UNIVERSITY
114	INDIANA UNIVERSITY FOUNDATION
1	IOWA STATE UNIVERSITY
570	IOWA STATE UNIVERSITY RESEARCH FOUNDATION INC.
1	IOWA, THE STATE OF FOR THE USE AND BENEFIT OF
2	JAMES MADISON UNIVERSITY
1	JESUIT COMMUNITY AT LOYOLA UNIVERSITY

Number of Patents	College/University Name
1	JOHNS HOPKINS HOSPITAL
417	JOHNS HOPKINS UNIVERSITY
5	JORDAN COLLEGE
1	KANSAS STATE UNIVERSITY
124	KANSAS STATE UNIVERSITY RESEARCH FOUNDATION
25	KENT STATE UNIVERSITY
1	KRESGE EYE INSTITUTE
1	KRESGE EYE INSTITUTE OF WAYNE STATE UNIVERSITY
2	LAKE FOREST COLLEGE
1	LAMAR STATE COLLEGE OF TECHNOLOGY
44	LEHIGH UNIVERSITY
1	LEHIGH UNIVERSITY AND NORTHEAST BENJAMIN FRANKLIN TECHNOLOGY CENTER OF PA
3	LOMA LINDA UNIVERSITY
24	LOMA LINDA UNIVERSITY MEDICAL CENTER
4	LOUISIANA STATE UNIV. MEDICAL CENTER FOUNDATION
53	LOUISIANA STATE UNIVERSITY
81	LOUISIANA STATE UNIVERSITY, AGRICULTURAL AND MECHANICAL COLLEGE
16	LOYOLA UNIVERSITY OF CHICAGO
3	MADISON COLLEGE FOUNDATION, INC.
2	MANHATTAN COLLEGE
1	MARQUETTE SCHOOL OF MEDICINE, INC.
4	MARQUETTE UNIVERSITY
1	MASSACHUSETTS COLLEGE OF OPTOMETRY
1871	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
5	MAYO FOUNDATION
67	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH
3	MEDICAL COLLEGE OF GA. RESEARCH INSTITUTE, INC.
1	MEDICAL COLLEGE OF GEORGIA FOUNDATION INC.
10	MEDICAL COLLEGE OF HAMPTON ROADS
17	MEDICAL COLLEGE OF OHIO
16	MEDICAL COLLEGE OF WISCONSIN RESEARCH FOUNDATION, INC.
24	MEDICAL COLLEGE OF WISCONSIN, INC.
8	MEDICAL UNIVERSITY OF SOUTH CAROLINA
2	MEMPHIS STATE UNIVERSITY
3	MIAMI UNIVERSITY
208	MICHIGAN STATE UNIVERSITY
81	MICHIGAN TECHNOLOGICAL UNIVERSITY
1	MILWAUKEE SCHOOL OF ENGINEERING
1	MINNESOTA STATE UNIVERSITY SYSTEM THROUGH ITS MANKATO STATE UNIVERSITY AGENCY
8	MISSISSIPPI STATE UNIVERSITY
4	MISSISSIPPI STATE UNIVERSITY DEVELOPMENT FOUNDATION INC.
4	MISSISSIPPI STATE UNIVERSITY: FOREST PRODUCTS LABORATORY
1	MONTCLAIR STATE COLLEGE
6	MOUNT SINAI RESEARCH FOUNDATION, INC.
69	MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK
17	NEW JERSEY INSTITUTE OF TECHNOLOGY
2	NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY
6	NEW MEXICO STATE UNIVERSITY FOUNDATION
10	NEW MEXICO STATE UNIVERSITY TECHNOLOGY TRANSFER CORPORATION
13	NEW MEXICO TECH RESEARCH FOUNDATION
1	NEW YORK CHIROPRACTIC COLLEGE
53	NEW YORK INSTITUTE OF TECHNOLOGY
10	NEW YORK MEDICAL COLLEGE
174	NEW YORK UNIVERSITY
1	NEW YORK UNIVERSITY & JURIDICAL FOUNDATION
6	NEW YORK UNIVERSITY MEDICAL CENTER
4	NORTH CAROLINA CENTRAL UNIVERSITY
224	NORTH CAROLINA STATE UNIVERSITY
18	NORTH DAKOTA STATE UNIVERSITY
3	NORTH DAKOTA STATE UNIVERSITY DEVELOPMENT FOUNDATION
1	NORTH DAKOTA STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCI
6	NORTH DAKOTA STATE UNIVERSITY RESEARCH FOUNDATION

Number of Patents	College/University Name
1	NORTH WESTERN UNIV. TECHNOLOGY TRANSFER PROG.
1	NORTHEAST UNIVERSITY OF TECHNOLOGY
6	NORTHEASTERN OHIO UNIVERSITIES COLLEGE OF MEDICINE
97	NORTHEASTERN UNIVERSITY
11	NORTHERN ILLINOIS UNIVERSITY
176	NORTHWESTERN UNIVERSITY
1	NOVA UNIVERSITY
4	OAK RIDGE ASSOCIATED UNIVERSITIES
4	OAKLAND COMMUNITY COLLEGE
9	OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER
1	OHIO MEDICAL COLLEGE
1	OHIO NORTHERN UNIVERSITY
46	OHIO STATE RESEARCH FOUNDATION
252	OHIO STATE UNIVERSITY
5	OHIO UNIVERSITY EDISON ANIMAL BIOTECHNOLOGY INSTITUTE
22	OHIO UNIVERSITY, THE PRESIDENT AND BOARD OF TRUSTEES OF
34	OKLAHOMA STATE UNIVERSITY
5	OLD DOMINION UNIVERSITY
1	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
26	OREGON GRADUATE CENTER FOR STUDY AND RESEARCH
6	OREGON GRADUATE INSTITUTE OF SCIENCE & TECHNOLOGY
70	OREGON HEALTH SCIENCES UNIVERSITY
4	OREGON STATE BOARD OF HIGHER EDUCATION, AN AGENCY OF THE STA
58	OREGON STATE UNIVERSITY
69	PENN STATE RESEARCH FOUNDATION, INC.
31	PENNSYLVANIA RESEARCH CORPORATION
4	PENNSYLVANIA STATE UNIVERSITY
1	PEPPERDINE UNIVERSITY
1	PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE
1	PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE
2	PHILADELPHIA COLLEGE OF TEXTILES AND SCIENCE
1	POLYMER PROCESSING INSTITUTE
1	POLYTECHNIC INSTITUTE OF BROOKLYN
6	POLYTECHNIC INSTITUTE OF NEW YORK
18	POLYTECHNIC UNIVERSITY
3	PORTLAND STATE UNIVERSITY
1	PRESIDENT & TRUSTEES OF THE MIAMI UNIVERSITY
97	PRINCETON UNIVERSITY
1	PURDUE RESEARCH CORPORATION
279	PURDUE RESEARCH FOUNDATION
1	PURDUE RESEARCH LABORATORY
2	PURDUE UNIVERSITY
1	REGENTS FOR EDUCATION OF THE STATE OF RHODE ISLAND
1	REGENTS OF THE UNIVERSITY OF MINNEAPOLIS
1	REGIS COLLEGE
81	RENSELEAR POLYTECHNIC INSTITUTE
23	RESEARCH AND DEVELOPMENT INSTITUTE, INC. AT MONTANA STATE UN
6	RESEARCH AND EDUCATION INSTITUTE, INC.
10	RESEARCH AND EDUCATION INSTITUTE, INC. HARBOR - UCLA MEDICAL
670	RESEARCH CORPORATION
6	RESEARCH FOUNDATION OF CITY COLLEGE OF NEW YORK
269	RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK
4	RESEARCH FOUNDATION, THE CITY UNIVERSITY OF NEW YORK
76	RESEARCH TRIANGLE INSTITUTE
1	RIT RESEARCH CORP.
7	ROANOKE COLLEGE
4	ROCHESTER INSTITUTE OF TECHNOLOGY
165	ROCKEFELLER UNIVERSITY
6	RUTGERS RESEARCH AND EDUCATIONAL FOUNDATION
132	RUTGERS UNIVERSITY
4	SAGINAW VALLEY STATE UNIVERSITY
1	SALISBURY STATE UNIVERSITY

Number of Patents	College/University Name
1	SAN DIEGO STATE COLLEGE FOUNDATION
3	SAN DIEGO STATE UNIVERSITY
2	SAN JOSE STATE UNIVERSITY FOUNDATION
1	SHAW UNIVERSITY
1	SIENA COLLEGE
1	SMITH COLLEGE
5	SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY
2	SOUTH DAKOTA STATE UNIVERSITY
2	SOUTHEASTERN ILLINOIS COLLEGE FOUNDATION
12	SOUTHEASTERN UNIVERSITIES RESEARCH ASSOCIATION, INC.
6	SOUTHERN METHODIST UNIVERSITY
4	ST. JOHN S UNIVERSITY
14	ST. LOUIS UNIVERSITY
799	STANFORD UNIVERSITY, LELAND JUNIOR, THE BOARD OF TRUSTEES OF
1	STATE OF IOWA FOR USE AND BENEFIT OF THE UNIVERSITY OF IOWA
85	STATE UNIVERSITY OF NEW YORK
53	SYRACUSE UNIVERSITY
17	SYRACUSE UNIVERSITY RESEARCH CORPORATION
124	TEMPLE UNIVERSITY
167	TEXAS A&M UNIVERSITY SYSTEM
1	TEXAS A&M UNIVERSITY SYSTEM TECHNOLOGY LICENSING OFFICE
1	TEXAS COLLEGE OF OSTEOPATHIC MEDICINE
3	TEXAS TECH UNIVERSITY
7	TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER
1	TEXAS WESLEYAN UNIVERSITY, INC.
10	THE CATHOLIC UNIVERSITY OF AMERICA
1	THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART
1	THE CORPORATION OF MERCER UNIVERSITY
2	THE MEDICAL COLLEGE OF PENNSYLVANIA
1	THE REGENTS OF NEW MEXICO STATE UNIVERSITY
1	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ALAMOS NATIONAL LABORATORY
1	THE UNIVERSITY FOUNDATION, CALIFORNIA STATE UNIVERSITY
1	THE UNIVERSITY OF MEMPHIS
18	THE UNIVERSITY OF OREGON
134	THOMAS JEFFERSON UNIVERSITY
1	TOURO COLLEGE
3	TRINITY UNIVERSITY
1	TRUSTEES OF DAVIDSON COLLEGE
1	TRUSTEES OF THE COLLEGE OF AERONAUTICS
13	TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY
34	TRUSTEES OF TUFTS COLLEGE
21	TUFTS UNIVERSITY
1	TUFTS UNIVERSITY SCHOOL OF MEDICINE
53	TULANE EDUCATIONAL FUND
1	TULANE MEDICAL CENTER OF TULANE UNIV.
2	TULANE UNIVERSITY
2	TUSKEGEE UNIVERSITY
1	U.T. BOARD OF REGENTS
38	UAB RESEARCH FOUNDATION
1	UNIV. OF CHICAGO DEVELOPMENT CORP. ARGONNE NATIONAL LABORATORIES
1	UNIV. OF TX MD ANDERSON CANCER CENTER
151	UNIVERISTY OF IOWA RESEARCH FOUNDATION
24	UNIVERSITIES RESEARCH ASSOCIATION, INC.
31	UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH
139	UNIVERSITY OF AKRON
74	UNIVERSITY OF ALABAMA
13	UNIVERSITY OF ALASKA
32	UNIVERSITY OF ARIZONA
13	UNIVERSITY OF ARIZONA FOUNDATION
72	UNIVERSITY OF ARKANSAS
2	UNIVERSITY OF ARKANSAS FOUNDATION
1937	UNIVERSITY OF CALIFORNIA, THE REGENTS OF

Number of Patents	College/University Name
38	UNIVERSITY OF CENTRAL FLORIDA
97	UNIVERSITY OF CHICAGO
2	UNIVERSITY OF CHICAGO (ARCH DEVELOPMENT CORP.)
89	UNIVERSITY OF CINCINNATI
2	UNIVERSITY OF CINCINNATI, BOARD OF DIRECTORS OF
68	UNIVERSITY OF COLORADO FOUNDATION
51	UNIVERSITY OF COLORADO, THE REGENTS OF
71	UNIVERSITY OF CONNECTICUT
2	UNIVERSITY OF CONNECTICUT RESEARCH & DEVELOPMENT CORP.
58	UNIVERSITY OF DAYTON
166	UNIVERSITY OF DELAWARE
2	UNIVERSITY OF DENVER, COLORADO SEMINARY
331	UNIVERSITY OF FLORIDA BOARD OF REGENTS
74	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED
3	UNIVERSITY OF GEORGIA
109	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.
1	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. BOYD GRADUATE STUDIES RESEARCH (
1	UNIVERSITY OF HARTFORD
61	UNIVERSITY OF HAWAII
1	UNIVERSITY OF HAWAII, OFFICE OF TECHNOLOGY TRANSFER AND ECONOMIC DEVELOPMENT
6	UNIVERSITY OF HEALTH SCIENCES/THE CHICAGO MEDICAL SCHOOL
23	UNIVERSITY OF HOUSTON, CENTRAL CAMPUS
15	UNIVERSITY OF HOUSTON-UNIVERSITY PARK
2	UNIVERSITY OF HOUSTON SYSTEM
2	UNIVERSITY OF IDAHO RESEARCH FOUNDATION, INC.
145	UNIVERSITY OF ILLINOIS
135	UNIVERSITY OF ILLINOIS FOUNDATION
26	UNIVERSITY OF KANSAS
3	UNIVERSITY OF KANSAS CENTER FOR RESEARCH
18	UNIVERSITY OF KANSAS ENDOWMENT ASSOCIATION
4	UNIVERSITY OF KANSAS MED CENTER
143	UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION
3	UNIVERSITY OF KENTUCKY, THE BOARD OF TRUSTEES OF
2	UNIVERSITY OF LOUISVILLE
1	UNIVERSITY OF LOUISVILLE FOUNDATION
5	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION INCORPORATED
11	UNIVERSITY OF LOWELL
12	UNIVERSITY OF MAINE SYSTEM
120	UNIVERSITY OF MARYLAND
3	UNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE
3	UNIVERSITY OF MARYLAND EASTERN SHORE
2	UNIVERSITY OF MARYLAND, SCHOOL OF MEDICINE
13	UNIVERSITY OF MASSACHUSETTS
7	UNIVERSITY OF MASSACHUSETTS AT AMHERST
17	UNIVERSITY OF MASSACHUSETTS AT LOWELL
32	UNIVERSITY OF MASSACHUSETTS MEDICAL CENTER
3	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL
54	UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY
85	UNIVERSITY OF MIAMI
305	UNIVERSITY OF MICHIGAN
464	UNIVERSITY OF MINNESOTA, THE REGENTS OF
32	UNIVERSITY OF MISSISSIPPI
1	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER
8	UNIVERSITY OF MONTANA
143	UNIVERSITY OF NEBRASKA, THE BOARD OF REGENTS OF
4	UNIVERSITY OF NEVADA SYSTEM
1	UNIVERSITY OF NEW ENGLAND
7	UNIVERSITY OF NEW HAMPSHIRE
98	UNIVERSITY OF NEW MEXICO
1	UNIVERSITY OF NEW ORLEANS
149	UNIVERSITY OF NORTH CAROLINA
5	UNIVERSITY OF NORTH DAKOTA ENERGY AND ENVIRONMENT RESEARCH CENTER FOUNDATION

Number of Patents	College/University Name
8	UNIVERSITY OF NORTH DAKOTA SCHOOL OF ENGINEERING & MINES FOUNDATION (UND-SEM FOI
2	UNIVERSITY OF NORTH TEXAS
4	UNIVERSITY OF NORTHERN IOWA FOUNDATION
18	UNIVERSITY OF NOTRE DAME
18	UNIVERSITY OF NOTRE DAME DU LAC
1	UNIVERSITY OF OKLAHOMA FOUNDATION, INC.
1	UNIVERSITY OF OKLAHOMA RESEARCH INSTITUTE
1	UNIVERSITY OF PATENTS, INC.
311	UNIVERSITY OF PENNSYLVANIA
162	UNIVERSITY OF PITTSBURGH
1	UNIVERSITY OF PITTSBURGH MEDICAL CENTER
1	UNIVERSITY OF PORTLAND
7	UNIVERSITY OF PUERTO RICO
31	UNIVERSITY OF RHODE ISLAND
157	UNIVERSITY OF ROCHESTER
2	UNIVERSITY OF SCRANTON
15	UNIVERSITY OF SOUTH ALABAMA
34	UNIVERSITY OF SOUTH CAROLINA
61	UNIVERSITY OF SOUTH FLORIDA
188	UNIVERSITY OF SOUTHERN CALIFORNIA
26	UNIVERSITY OF SOUTHERN ILLINOIS FOUNDATION
23	UNIVERSITY OF SOUTHERN MISSISSIPPI
4	UNIVERSITY OF SOUTHWESTERN LOUISIANA
2	UNIVERSITY OF TENNESSEE
2	UNIVERSITY OF TENNESSEE RESEARCH CENTER
130	UNIVERSITY OF TENNESSEE RESEARCH CORPORATION
815	UNIVERSITY OF TEXAS
1	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER HOUSTON
3	UNIVERSITY OF THE PACIFIC
72	UNIVERSITY OF TOLEDO
1	UNIVERSITY OF TULSA
214	UNIVERSITY OF UTAH
124	UNIVERSITY OF UTAH RESEARCH FOUNDATION
13	UNIVERSITY OF VERMONT
12	UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE
35	UNIVERSITY OF VIRGINIA
110	UNIVERSITY OF VIRGINIA ALUMNI PATENTS FOUNDATION
1	UNIVERSITY OF VIRGINIA AND NATIONAL AERONAUTICS & SPACE ADMINISTRATION
162	UNIVERSITY OF WASHINGTON
1	UNIVERSITY OF WEST FLORIDA
9	UNIVERSITY OF WISCONSIN
4	UNIVERSITY OF WISCONSIN-MILWAUKEE
1	UNIVERSITY OF WISCONSIN-STOUT MANUFACTURING LABORATORY
8	UNIVERSITY OF WYOMING
215	UNIVERSITY PATENTS, INC.
5	UNIVERSITY PATENTS, INC. OF ILLINOIS
2	UNIVERSITY RESEARCH FOUNDATION
1	UT SW MEDICAL CTR AT DALLAS
43	UTAH STATE UNIVERSITY FOUNDATION
81	VANDERBILT UNIVERSITY
4	VILLANOVA UNIVERSITY
27	VIRGINIA COMMONWEALTH UNIVERSITY
2	VIRGINIA COMMONWEALTH UNIVERSITY MEDICAL COLLEGE
18	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY
3	VIRGINIA POLYTECHNIC INSTITUTE EDUCATIONAL FOUNDATION, INC.
1	VIRGINIA STATE UNIVERSITY
89	VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.
1	WABASH COLLEGE
28	WAKE FOREST UNIVERSITY
51	WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION, INC.
9	WASHINGTON TECHNOLOGY CENTER
183	WASHINGTON UNIVERSITY

Number of Patents	College/University Name
1	WASHINGTON UNIVERSITY SCHOOL OF MEDICINE
3	WASHINGTON UNIVERSITY TECHNOLOGY ASSOCIATES, INC.
120	WAYNE STATE UNIVERSITY
11	WEST VIRGINIA UNIVERSITY
2	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION
4	WESTERN KENTUCKY UNIVERSITY
1	WESTERN WASHINGTON STATE COLLEGE
2	WIDENER COLLEGE
12	WILLIAM MARSH RICE UNIVERSITY
691	WISCONSIN ALUMNI RESEARCH FOUNDATION
14	WOODS HOLE OCEANOGRAPHIC INSTITUTION
12	WORCESTER POLYTECHNIC INSTITUTE
44	WRIGHT STATE UNIVERSITY
1	XAVERIUS COLLEGE
138	YALE UNIVERSITY
62	YESHIVA UNIVERSITY

---- Technology Assessment and Forecast Report ---  
 ALL U.S. COLLEGES AND UNIVERSITIES, UTILITY PATENTS GRANTED 1969 - 1997

---- Organizational Patenting (Granted: Jan 01, 1969 - Dec 31, 1997) ---- Ranked List of Organizations with 1 or More Patents ---

ALL U.S. COLLEGES AND UNIVERSITIES, UTILITY PATENTS GRANTED 1969 - 1997

	Pre 1984	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Total
UNIVERSITY OF CALIFORNIA, THE REGENTS OF	340	45	42	54	65	59	79	63	83	79	113	161	213	266	275	1937
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	645	47	35	45	63	64	101	109	101	125	112	99	104	119	102	1871
UNIVERSITY OF TEXAS	22	7	19	25	21	21	50	54	83	73	86	97	89	87	81	815
STANFORD UNIVERSITY, LELAND JUNIOR, THE BOARD OF TRUSTEES OF	127	36	38	33	48	54	43	36	57	42	50	62	54	55	64	799
WISCONSIN ALUMNI RESEARCH FOUNDATION	214	16	17	17	11	20	27	15	44	39	53	48	44	64	62	691
RESEARCH CORPORATION	503	31	23	36	33	19	17	4	3	1	0	0	0	0	0	670
CALIFORNIA INSTITUTE OF TECHNOLOGY	225	15	16	23	27	18	56	30	36	32	29	46	37	24	46	660
IOWA STATE UNIVERSITY RESEARCH FOUNDATION INC.	200	14	21	9	15	15	28	30	39	23	28	37	37	38	36	570
CORNELL RESEARCH FOUNDATION INC.	93	14	20	13	30	16	22	34	40	41	35	39	36	52	50	535
UNIVERSITY OF MINNESOTA, THE REGENTS OF	93	6	11	16	28	26	40	38	32	31	27	28	25	31	32	464
JOHNS HOPKINS UNIVERSITY	90	10	15	18	18	21	27	15	25	20	33	23	28	27	47	417
UNIVERSITY OF FLORIDA BOARD OF REGENTS	28	10	7	10	13	21	31	30	37	36	29	18	21	15	25	331
UNIVERSITY OF PENNSYLVANIA	30	4	5	1	2	1	9	19	18	26	34	37	25	45	55	311
UNIVERSITY OF MICHIGAN	29	1	1	10	6	14	21	26	21	19	19	28	30	25	53	305
PURDUE RESEARCH FOUNDATION	127	14	18	9	4	2	11	15	11	5	6	11	10	12	24	279
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK	1	0	0	1	0	1	22	17	24	29	28	34	30	37	45	269
OHIO STATE UNIVERSITY	109	3	10	5	11	14	13	10	15	17	8	5	10	9	13	252
HARVARD COLLEGE, PRESIDENT AND FELLOWS	31	7	1	2	9	17	15	23	9	16	17	16	14	32	28	237
GEORGIA TECH RESEARCH CORP.	46	6	11	9	9	7	8	18	11	16	16	20	21	22	16	236
NORTH CAROLINA STATE UNIVERSITY	6	2	3	4	6	5	10	14	11	24	27	32	30	26	24	224
COLUMBIA UNIVERSITY	2	3	4	7	6	15	19	16	8	17	17	18	18	33	35	218
UNIVERSITY PATENTS, INC.	91	25	17	12	19	15	12	5	5	9	1	2	1	0	1	215
UNIVERSITY OF UTAH	106	8	8	7	7	8	10	11	4	8	10	6	4	8	9	214
MICHIGAN STATE UNIVERSITY	17	3	3	10	6	8	2	7	11	19	13	21	15	32	41	208
DUKE UNIVERSITY INC.	15	6	4	6	2	9	11	7	6	8	12	29	20	37	21	193
UNIVERSITY OF SOUTHERN CALIFORNIA	56	7	5	5	4	7	8	6	5	18	13	15	6	15	18	188
WASHINGTON UNIVERSITY	12	1	3	1	6	6	12	7	20	17	18	19	21	18	22	183
NORTHWESTERN UNIVERSITY	46	2	2	8	10	10	7	5	4	8	8	12	17	10	27	176
NEW YORK UNIVERSITY	25	4	5	3	5	4	9	14	7	11	19	15	14	18	21	174
TEXAS A&M UNIVERSITY SYSTEM	9	3	8	3	6	9	8	9	12	14	22	20	16	14	14	167
BOSTON UNIVERSITY	11	2	3	6	9	9	9	11	6	22	14	14	14	16	20	166
UNIVERSITY OF DELAWARE	70	5	9	7	5	8	8	11	10	10	5	4	5	5	4	166
ROCKEFELLER UNIVERSITY	9	3	5	4	9	11	6	8	14	23	23	13	9	8	20	165
UNIVERSITY OF PITTSBURGH	18	8	3	8	10	6	11	11	16	10	10	10	13	11	17	162
UNIVERSITY OF WASHINGTON	19	3	1	2	1	5	3	7	8	11	11	12	17	25	37	162
UNIVERSITY OF ROCHESTER	40	6	2	8	9	11	11	13	12	10	11	10	6	3	5	157
UNIVERSITY OF IOWA RESEARCH FOUNDATION	29	4	1	8	8	6	8	12	6	7	11	9	17	11	14	151
UNIVERSITY OF NORTH CAROLINA	5	0	0	3	2	2	6	8	3	11	14	13	21	22	39	149
UNIVERSITY OF ILLINOIS	1	2	8	10	4	8	15	7	8	10	13	14	12	16	17	145
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	44	7	5	7	4	7	6	4	7	7	4	3	11	13	14	143
UNIVERSITY OF NEBRASKA, THE BOARD OF REGENTS OF	20	5	1	1	1	4	0	3	4	4	10	16	21	29	24	143
UNIVERSITY OF AKRON	31	3	3	2	0	6	6	9	14	11	9	17	11	12	5	139
YALE UNIVERSITY	3	2	5	3	12	6	11	10	4	12	14	13	16	7	20	138
CURATORS OF THE UNIVERSITY OF MISSOURI	37	4	0	3	8	9	5	6	7	9	8	7	10	8	16	137
UNIVERSITY OF ILLINOIS FOUNDATION	124	6	2	2	0	1	0	0	0	0	0	0	0	0	0	135
THOMAS JEFFERSON UNIVERSITY	8	10	5	3	3	2	7	5	7	8	9	13	14	15	25	134
RUTGERS UNIVERSITY	1	0	0	0	2	2	7	2	14	12	15	18	20	18	21	132
UNIVERSITY OF TENNESSEE RESEARCH CORPORATION	12	1	5	8	8	7	12	13	10	12	3	5	14	8	12	130
KANSAS STATE UNIVERSITY RESEARCH FOUNDATION	37	3	2	4	4	3	4	1	7	7	8	20	11	9	4	124

ALL U.S. COLLEGES AND UNIVERSITIES, UTILITY PATENTS GRANTED 1969 - 1997

	Pre 1984	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Total
TEMPLE UNIVERSITY	28	2	0	1	5	7	10	9	3	14	9	9	11	7	9	124
UNIVERSITY OF UTAH RESEARCH FOUNDATION	17	1	3	0	5	1	3	3	1	5	10	16	13	24	22	124
UNIVERSITY OF MARYLAND	3	0	0	3	2	2	1	4	4	14	20	14	20	19	14	120
WAYNE STATE UNIVERSITY	3	0	1	5	6	6	15	9	8	16	12	14	9	8	8	120
INDIANA UNIVERSITY FOUNDATION	55	2	4	0	3	1	6	1	3	6	1	7	6	8	11	114
BAYLOR COLLEGE OF MEDICINE	18	2	2	2	7	3	7	8	4	6	9	9	4	15	15	111
UNIVERSITY OF VIRGINIA ALUMNI PATENTS FOUNDATION	14	2	1	4	3	4	8	10	10	9	6	5	9	13	12	110
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	7	6	5	5	3	0	3	5	8	10	18	6	10	12	11	109
UNIVERSITY OF NEW MEXICO	0	0	2	3	1	3	9	9	10	11	5	9	15	8	13	98
NORTHEASTERN UNIVERSITY	1	0	3	2	2	1	3	4	6	11	10	15	16	11	12	97
PRINCETON UNIVERSITY	2	0	0	0	2	1	12	4	13	4	11	7	12	13	16	97
UNIVERSITY OF CHICAGO	11	2	0	0	1	5	6	2	0	0	6	13	16	13	22	97
CARNEGIE-MELLON UNIVERSITY	11	3	3	3	1	2	5	3	5	10	4	8	10	13	9	90
UNIVERSITY OF CINCINNATI	0	2	2	1	8	3	8	9	9	7	8	7	8	7	10	89
VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.	0	0	0	0	0	1	7	3	11	16	7	14	3	11	16	89
BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA	2	1	3	2	2	6	2	4	3	7	13	7	11	9	16	88
CASE WESTERN RESERVE UNIVERSITY	23	1	1	6	3	1	1	2	1	9	6	8	8	6	9	85
STATE UNIVERSITY OF NEW YORK	12	11	5	10	18	9	3	3	3	5	2	3	1	0	0	85
UNIVERSITY OF MIAMI	11	4	4	3	15	5	5	1	1	5	2	5	5	5	14	85
EMORY UNIVERSITY	0	0	1	1	0	0	7	3	10	6	14	5	11	12	12	82
CLEMSON UNIVERSITY	8	2	2	1	3	3	6	6	2	10	4	10	8	7	9	81
LOUISIANA STATE UNIVERSITY, AGRICULTURAL AND MECHANICAL COLLEGE	0	0	0	0	0	0	0	1	2	15	10	9	13	12	19	81
MICHIGAN TECHNOLOGICAL UNIVERSITY	34	7	6	2	1	2	1	5	6	6	3	3	2	3	0	81
RENSSELEAR POLYTECHNIC INSTITUTE	10	4	5	6	2	2	5	4	2	2	7	7	7	12	6	81
VANDERBILT UNIVERSITY	9	0	0	5	4	4	4	5	7	4	7	6	9	6	11	81
ASSOCIATED UNIVERSITIES, INC.	1	0	0	0	0	1	3	7	7	5	5	14	12	12	13	80
BRIGHAM YOUNG UNIVERSITY	8	3	3	6	2	1	8	9	5	9	13	3	3	2	5	80
RESEARCH TRIANGLE INSTITUTE	18	0	2	2	4	2	3	6	8	4	7	7	7	2	4	76
ARIZONA STATE UNIVERSITY	0	1	1	1	2	0	9	9	12	6	2	3	6	14	8	74
UNIVERSITY OF ALABAMA	22	1	5	3	5	3	3	5	2	3	2	3	3	8	6	74
UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED	0	0	0	0	0	0	2	3	1	6	5	8	10	21	18	74
GEORGETOWN UNIVERSITY	12	5	1	0	4	3	1	5	3	5	5	7	6	7	8	72
UNIVERSITY OF ARKANSAS	1	0	0	1	1	1	2	3	10	16	8	10	5	6	8	72
UNIVERSITY OF TOLEDO	17	2	0	1	0	0	3	0	2	4	7	6	14	7	9	72
UNIVERSITY OF CONNECTICUT	5	0	1	0	1	1	2	8	3	9	9	2	8	9	13	71
OREGON HEALTH SCIENCES UNIVERSITY	0	0	0	0	3	0	3	4	6	5	5	6	10	12	16	70
MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK	18	2	1	2	1	2	1	2	5	3	3	4	4	9	12	69
PENN STATE RESEARCH FOUNDATION, INC.	0	0	0	0	0	0	0	0	0	0	4	10	16	20	19	69
UNIVERSITY OF COLORADO FOUNDATION	0	0	0	0	1	0	3	9	6	19	7	12	9	2	0	68
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	0	0	0	0	0	0	3	4	4	8	9	4	6	12	17	67
YESHIVA UNIVERSITY	15	1	4	1	6	1	5	1	0	1	4	3	3	11	6	62
UNIVERSITY OF HAWAII	8	0	2	0	1	3	2	6	2	5	8	6	7	6	5	61
UNIVERSITY OF SOUTH FLORIDA	0	0	0	1	0	0	2	2	7	5	7	4	6	13	14	61
OREGON STATE UNIVERSITY	2	0	2	3	0	2	1	1	6	9	5	11	6	3	7	58
UNIVERSITY OF DAYTON	7	2	2	7	5	6	3	5	5	1	3	2	4	4	2	58
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY	1	0	1	4	7	2	4	7	2	6	1	4	5	3	7	54
LOUISIANA STATE UNIVERSITY	11	1	1	1	3	4	9	3	3	5	6	2	1	2	1	53
NEW YORK INSTITUTE OF TECHNOLOGY	21	2	3	7	7	4	3	1	1	2	0	1	0	0	1	53
SYRACUSE UNIVERSITY	0	1	2	3	2	5	4	9	2	5	5	3	1	2	9	53
TULANE EDUCATIONAL FUND	0	1	2	1	1	2	4	4	6	5	6	6	4	7	4	53
UNIVERSITY OF COLORADO, THE REGENTS OF	5	0	0	0	0	0	0	0	0	0	0	2	9	14	21	51
WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION, INC.	13	0	2	2	2	1	5	3	3	3	2	4	4	2	5	51
FLORIDA STATE UNIVERSITY	0	1	0	2	2	1	1	1	1	2	9	5	10	8	6	49
BROWN UNIVERSITY RESEARCH FOUNDATION	0	1	1	2	0	3	3	2	4	5	1	4	6	6	9	47
OHIO STATE RESEARCH FOUNDATION	0	0	0	0	1	0	0	0	0	4	2	5	7	13	14	46
LEHIGH UNIVERSITY	4	2	0	2	5	1	5	4	6	6	4	3	1	1	0	44

ALL U.S. COLLEGES AND UNIVERSITIES, UTILITY PATENTS GRANTED 1969 - 1997

	Pre 1984	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Total
WRIGHT STATE UNIVERSITY	6	1	6	6	4	2	3	3	3	1	4	3	0	0	2	44
BRANDEIS UNIVERSITY	1	1	0	0	1	1	9	4	5	4	2	2	3	6	4	43
UTAH STATE UNIVERSITY FOUNDATION	7	1	3	2	2	1	1	2	3	2	2	2	8	6	1	43
DARTMOUTH COLLEGE	7	0	2	1	0	3	2	4	1	1	4	4	3	4	2	38
UAB RESEARCH FOUNDATION	0	0	0	0	0	0	0	1	1	4	4	4	6	5	13	38
UNIVERSITY OF CENTRAL FLORIDA	0	0	0	0	0	0	1	0	0	0	4	4	6	9	14	38
ALFRED UNIVERSITY	0	0	0	0	0	0	1	6	5	5	6	4	3	4	3	37
COLORADO STATE UNIVERSITY RESEARCH FOUNDATION	6	0	1	3	4	2	0	2	4	1	4	1	1	6	2	37
UNIVERSITY OF VIRGINIA	29	0	0	0	0	0	0	2	1	0	1	0	1	0	1	35
OKLAHOMA STATE UNIVERSITY	20	0	0	2	0	2	1	1	1	2	0	0	3	2	0	34
TRUSTEES OF TUFTS COLLEGE	3	0	0	0	1	1	4	0	2	4	7	4	1	3	4	34
UNIVERSITY OF SOUTH CAROLINA	2	2	1	1	0	4	2	0	4	6	2	3	0	3	4	34
DREXEL UNIVERSITY	6	0	0	0	0	0	3	2	2	2	5	6	4	1	2	33
UNIVERSITY OF ARIZONA	1	0	0	0	0	0	1	2	1	1	3	6	4	4	9	32
UNIVERSITY OF MASSACHUSETTS MEDICAL CENTER	0	0	0	0	0	0	3	1	2	2	2	1	2	10	9	32
UNIVERSITY OF MISSISSIPPI	18	1	0	0	1	0	2	0	0	1	2	0	1	4	2	32
PENNSYLVANIA RESEARCH CORPORATION	2	0	0	0	1	1	0	2	5	7	6	5	2	0	0	31
UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH	0	0	1	0	0	0	0	0	2	1	8	3	5	7	4	31
UNIVERSITY OF RHODE ISLAND	11	2	2	2	2	3	3	3	3	0	0	0	0	0	0	31
WAKE FOREST UNIVERSITY	0	0	0	0	1	3	3	0	1	0	3	4	1	6	6	28
VIRGINIA COMMONWEALTH UNIVERSITY	1	0	0	0	0	0	0	1	1	3	6	2	2	4	7	27
OREGON GRADUATE CENTER FOR STUDY AND RESEARCH	9	3	3	1	2	1	5	1	0	1	0	0	0	0	0	26
UNIVERSITY OF KANSAS	0	0	0	0	1	0	1	3	3	7	3	2	2	3	1	26
UNIVERSITY OF SOUTHERN ILLINOIS FOUNDATION	18	1	0	0	0	1	1	2	1	1	1	0	0	0	0	26
KENT STATE UNIVERSITY	1	0	0	0	1	0	0	1	3	2	3	3	4	4	3	25
LOMA LINDA UNIVERSITY MEDICAL CENTER	0	0	1	0	0	0	1	2	2	1	2	2	7	5	1	24
MEDICAL COLLEGE OF WISCONSIN, INC.	4	4	3	3	0	6	0	1	1	0	0	1	0	1	0	24
UNIVERSITIES RESEARCH ASSOCIATION, INC.	0	0	0	0	0	1	1	2	2	3	3	4	1	4	3	24
ILLINOIS INSTITUTE OF TECHNOLOGY	1	0	0	0	1	0	0	0	2	1	4	0	7	3	4	23
RESEARCH AND DEVELOPMENT INSTITUTE, INC. AT MONTANA STATE UN	2	2	1	1	0	0	1	3	2	1	0	4	2	3	1	23
UNIVERSITY OF HOUSTON, CENTRAL CAMPUS	2	0	0	1	0	0	0	1	1	0	2	2	6	4	4	23
UNIVERSITY OF SOUTHERN MISSISSIPPI	2	0	0	3	3	1	1	3	4	1	2	0	1	1	1	23
OHIO UNIVERSITY, THE PRESIDENT AND BOARD OF TRUSTEES OF	2	0	0	1	1	0	1	0	1	1	3	3	5	3	1	22
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE	3	0	2	1	0	0	2	2	2	2	1	1	2	0	3	21
TUFTS UNIVERSITY	0	0	0	0	0	1	3	1	3	3	2	2	2	4	0	21
ARIZONA BOARD OF REGENTS	0	0	0	0	0	0	0	0	0	0	1	3	6	5	4	19
ALFRED UNIVERSITY RESEARCH FOUNDATION INC.	8	5	3	1	1	0	0	0	0	0	0	0	0	0	0	18
CALIFORNIA INSTITUTE RESEARCH FOUNDATION	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
NORTH DAKOTA STATE UNIVERSITY	0	1	0	0	0	0	1	0	2	1	3	0	3	3	4	18
POLYTECHNIC UNIVERSITY	0	0	0	0	0	1	3	3	2	1	1	0	1	3	3	18
THE UNIVERSITY OF OREGON	4	0	0	0	0	0	2	0	0	3	2	1	2	4	0	18
UNIVERSITY OF KANSAS ENDOWMENT ASSOCIATION	15	2	1	0	0	0	0	0	0	0	0	0	0	0	0	18
UNIVERSITY OF NOTRE DAME	15	0	0	0	1	0	0	0	0	0	0	0	0	2	0	18
UNIVERSITY OF NOTRE DAME DU LAC	0	0	1	2	0	2	2	0	3	1	2	3	0	0	2	18
VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	0	0	0	0	0	1	0	1	0	2	5	2	3	3	1	18
BOARD OF REGENTS OF THE OKLAHOMA AGRICULTURAL & MECHANICAL C	7	1	2	0	0	0	2	3	0	0	1	1	0	0	0	17
CLEVELAND STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	3	4	3	0	6	1	17
MEDICAL COLLEGE OF OHIO	2	0	2	0	4	1	0	1	2	0	0	0	2	2	1	17
NEW JERSEY INSTITUTE OF TECHNOLOGY	0	0	1	0	0	0	2	0	1	2	0	1	2	2	6	17
SYRACUSE UNIVERSITY RESEARCH CORPORATION	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
UNIVERSITY OF MASSACHUSETTS AT LOWELL	0	0	0	0	0	0	0	0	0	0	1	1	8	2	5	17
LOYOLA UNIVERSITY OF CHICAGO	0	0	0	1	0	0	0	1	1	1	3	1	2	2	4	16
MEDICAL COLLEGE OF WISCONSIN RESEARCH FOUNDATION, INC.	0	0	0	0	1	4	2	0	0	0	0	2	4	1	2	16
UNIVERSITY OF HOUSTON-UNIVERSITY PARK	0	0	0	0	0	0	3	2	2	1	1	3	2	1	0	15
UNIVERSITY OF SOUTH ALABAMA	0	0	1	3	0	0	2	0	1	0	4	2	1	0	1	15
ST. LOUIS UNIVERSITY	3	1	0	1	1	1	0	0	2	1	0	0	1	1	2	14

ALL U.S. COLLEGES AND UNIVERSITIES, UTILITY PATENTS GRANTED 1969 - 1997

	Pre 1984	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Total
WOODS HOLE OCEANOGRAPHIC INSTITUTION	5	0	0	0	0	0	1	0	1	0	0	2	1	2	2	14
AUBURN UNIVERSITY	0	0	0	0	0	0	0	1	0	4	0	2	2	1	3	13
GEORGE WASHINGTON UNIVERSITY	2	0	2	0	0	0	1	0	0	0	2	0	0	3	3	13
NEW MEXICO TECH RESEARCH FOUNDATION	3	0	0	1	1	0	0	0	0	1	0	3	2	0	2	13
TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY	0	0	0	0	0	4	0	1	2	0	0	1	1	2	2	13
UNIVERSITY OF ALASKA	0	0	0	0	0	0	0	0	1	1	1	3	2	3	2	13
UNIVERSITY OF ARIZONA FOUNDATION	8	1	2	2	0	0	0	0	0	0	0	0	0	0	0	13
UNIVERSITY OF MASSACHUSETTS	0	1	1	0	2	1	0	1	2	0	0	1	1	2	1	13
UNIVERSITY OF VERMONT	2	0	0	0	0	0	0	3	1	2	1	1	0	1	2	13
FLORIDA ATLANTIC UNIVERSITY	1	0	0	0	0	0	0	0	1	0	3	3	1	0	3	12
SOUTHEASTERN UNIVERSITIES RESEARCH ASSOCIATION, INC.	0	0	0	0	0	0	0	0	1	2	0	1	2	2	4	12
UNIVERSITY OF MAINE SYSTEM	4	2	3	1	0	0	1	1	0	0	0	0	0	0	0	12
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE	0	0	0	0	1	1	4	1	1	2	0	0	1	0	1	12
WILLIAM MARSH RICE UNIVERSITY	0	1	0	0	0	0	0	1	0	0	2	2	0	4	2	12
WORCESTER POLYTECHNIC INSTITUTE	1	0	0	0	0	0	0	1	0	4	1	2	3	0	0	12
BAYLOR UNIVERSITY	1	0	1	0	0	0	0	0	0	0	0	1	3	2	3	11
NORTHERN ILLINOIS UNIVERSITY	0	0	0	0	0	1	0	0	1	0	2	2	1	1	3	11
UNIVERSITY OF LOWELL	0	0	0	0	0	0	2	1	2	3	1	1	0	1	0	11
WEST VIRGINIA UNIVERSITY	0	0	1	0	2	0	2	1	1	0	0	1	1	1	1	11
AUBURN RESEARCH FOUNDATION	5	0	1	1	0	0	0	1	1	1	0	0	0	0	0	10
DUQUESNE UNIVERSITY OF THE HOLY GHOST	0	0	0	0	0	0	0	0	0	1	0	1	3	4	1	10
EAST CAROLINA UNIVERSITY	0	0	0	0	0	0	0	1	1	1	1	1	1	2	2	10
GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	0	0	0	0	0	0	0	2	0	1	1	2	1	0	3	10
HOWARD UNIVERSITY	0	0	0	0	0	0	0	0	0	0	2	0	3	4	1	10
MEDICAL COLLEGE OF HAMPTON ROADS	0	0	0	0	0	0	0	0	0	1	0	0	1	2	6	10
NEW MEXICO STATE UNIVERSITY TECHNOLOGY TRANSFER CORPORATION	0	0	0	0	0	0	0	0	1	0	1	4	0	1	3	10
NEW YORK MEDICAL COLLEGE	2	0	0	0	0	1	2	1	1	0	0	2	0	1	0	10
RESEARCH AND EDUCATION INSTITUTE, INC. HARBOR - UCLA MEDICAL	0	1	0	0	2	1	2	0	1	1	0	0	0	0	2	10
THE CATHOLIC UNIVERSITY OF AMERICA	0	0	0	0	0	0	0	0	0	0	1	3	4	2	0	10
BAYLOR RESEARCH INSTITUTE(FORMERLY BAYLOR RESEARCH FOUNDATION)	0	0	0	0	0	0	1	0	1	3	2	1	0	1	0	9
GMI ENGINEERING & MANAGEMENT INSTITUTE	0	0	0	1	1	0	4	0	1	1	0	1	0	0	0	9
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER	6	0	2	0	1	0	0	0	0	0	0	0	0	0	0	9
UNIVERSITY OF WISCONSIN	0	0	0	0	0	0	0	0	0	3	3	0	3	0	0	9
WASHINGTON TECHNOLOGY CENTER	0	0	0	0	0	1	2	0	3	1	0	1	0	1	0	9
MEDICAL UNIVERSITY OF SOUTH CAROLINA	0	0	0	1	0	1	0	1	0	0	0	1	2	1	1	8
MISSISSIPPI STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	1	4	3	8
UNIVERSITY OF MONTANA	0	0	0	1	0	0	0	0	0	0	1	1	2	0	3	8
UNIVERSITY OF NORTH DAKOTA SCHOOL OF ENGINEERING & MINES FOUNDATION (L	0	0	0	0	0	0	0	3	4	1	0	0	0	0	0	8
UNIVERSITY OF WYOMING	1	0	0	0	1	0	0	0	0	0	0	0	2	0	4	8
BELOIT COLLEGE	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
CREIGHTON UNIVERSITY	1	0	0	0	0	0	0	0	0	0	0	2	0	1	3	7
ROANOKE COLLEGE	0	1	2	1	1	1	0	1	0	0	0	0	0	0	0	7
TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	0	0	0	2	1	2	0	0	0	1	0	0	1	0	0	7
UNIVERSITY OF MASSACHUSETTS AT AMHERST	0	0	0	0	0	0	0	0	1	2	1	2	1	0	0	7
UNIVERSITY OF NEW HAMPSHIRE	2	0	0	1	0	0	1	0	1	0	0	1	0	0	1	7
UNIVERSITY OF PUERTO RICO	0	0	0	0	0	0	0	0	1	0	1	0	4	1	0	7
BOARD OF REGENTS	0	0	1	0	0	0	1	2	1	0	0	1	0	0	0	6
BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY	2	0	0	0	0	0	0	0	2	0	1	1	0	0	0	6
EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROA	0	0	1	0	1	1	0	0	0	1	1	1	0	0	0	6
HAHNEMANN UNIVERSITY	0	2	0	0	0	0	0	0	0	2	1	0	0	1	0	6
MOUNT SINAI RESEARCH FOUNDATION, INC.	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
NEW MEXICO STATE UNIVERSITY FOUNDATION	3	0	0	1	2	0	0	0	0	0	0	0	0	0	0	6
NEW YORK UNIVERSITY MEDICAL CENTER	0	0	0	0	0	0	0	0	1	0	0	1	1	1	2	6
NORTH DAKOTA STATE UNIVERSITY RESEARCH FOUNDATION	0	0	0	0	0	0	0	0	0	1	0	1	2	1	1	6
NORTHEASTERN OHIO UNIVERSITIES COLLEGE OF MEDICINE	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3	6
OREGON GRADUATE INSTITUTE OF SCIENCE & TECHNOLOGY	0	0	0	0	0	0	0	0	1	1	0	0	0	1	3	6

ALL U.S. COLLEGES AND UNIVERSITIES, UTILITY PATENTS GRANTED 1969 - 1997

	Pre 1984	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Total
POLYTECHNIC INSTITUTE OF NEW YORK	3	0	0	0	2	1	0	0	0	0	0	0	0	0	0	6
RESEARCH AND EDUCATION INSTITUTE, INC.	0	0	0	0	0	0	0	2	0	1	2	1	0	0	0	6
RESEARCH FOUNDATION OF CITY COLLEGE OF NEW YORK	0	0	0	0	0	0	0	0	0	0	0	1	1	0	4	6
RUTGERS RESEARCH AND EDUCATIONAL FOUNDATION	3	1	1	0	0	0	0	0	1	0	0	0	0	0	0	6
SOUTHERN METHODIST UNIVERSITY	0	0	0	1	1	0	0	0	0	0	0	0	0	1	3	6
UNIVERSITY OF HEALTH SCIENCES/THE CHICAGO MEDICAL SCHOOL	0	0	0	2	1	1	1	0	0	0	1	0	0	0	0	6
AMBASSADOR COLLEGE	1	0	0	0	0	0	1	1	1	0	1	0	0	0	0	5
CALIFORNIA POLYTECHNIC STATE UNIVERSITY FOUNDATION	3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5
CONCORDIA UNIVERSITY	0	0	0	0	0	0	2	1	0	1	0	1	0	0	0	5
EASTERN MICHIGAN UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	5
JORDAN COLLEGE	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
MAYO FOUNDATION	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	5
OHIO UNIVERSITY EDISON ANIMAL BIOTECHNOLOGY INSTITUTE	0	0	0	0	0	0	0	0	2	2	0	0	0	0	1	5
OLD DOMINION UNIVERSITY	0	0	0	0	0	0	0	0	0	0	1	2	0	1	1	5
SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY	0	0	1	0	0	0	0	0	0	1	0	2	0	1	0	5
UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION INCORPORATED	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	5
UNIVERSITY OF NORTH DAKOTA ENERGY AND ENVIRONMENT RESEARCH CENTER F	0	0	0	0	0	0	0	0	0	0	2	1	1	1	0	5
UNIVERSITY PATENTS, INC. OF ILLINOIS	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
ALBANY MEDICAL COLLEGE OF UNION UNIVERSITY	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	4
BOWLING GREEN STATE UNIVERSITY	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	4
CALIFORNIA STATE UNIVERSITY FRESNO FOUNDATION	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	4
ENDOWMENT AND RESEARCH FOUNDATION AT MONTANA STATE UNIVERSIT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
FLORIDA INTERNATIONAL UNIVERSITY	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	4
ILLINOIS STATE UNIVERSITY	0	0	0	0	0	0	2	1	0	1	0	0	0	0	0	4
LOUISIANA STATE UNIV. MEDICAL CENTER FOUNDATION	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4
MARQUETTE UNIVERSITY	0	0	1	0	0	0	0	0	0	0	0	0	2	0	1	4
MISSISSIPPI STATE UNIVERSITY DEVELOPMENT FOUNDATION INC.	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
MISSISSIPPI STATE UNIVERSITY: FOREST PRODUCTS LABORATORY	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	4
NORTH CAROLINA CENTRAL UNIVERSITY	0	0	1	0	0	0	0	0	2	0	1	0	0	0	0	4
OAK RIDGE ASSOCIATED UNIVERSITIES	0	0	0	0	0	1	2	0	0	1	0	0	0	0	0	4
OAKLAND COMMUNITY COLLEGE	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
OREGON STATE BOARD OF HIGHER EDUCATION, AN AGENCY OF THE STA	1	0	0	0	0	0	0	0	0	0	0	2	0	1	0	4
PENNSYLVANIA STATE UNIVERSITY	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	4
RESEARCH FOUNDATION, THE CITY UNIVERSITY OF NEW YORK	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	4
ROCHESTER INSTITUTE OF TECHNOLOGY	1	0	0	0	1	0	0	0	0	0	0	1	0	1	0	4
SAGINAW VALLEY STATE UNIVERSITY	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	4
ST. JOHN S UNIVERSITY	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	4
UNIVERSITY OF KANSAS MED CENTER	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	4
UNIVERSITY OF NEVADA SYSTEM	1	0	0	0	0	0	0	0	0	1	0	1	0	1	0	4
UNIVERSITY OF NORTHERN IOWA FOUNDATION	0	1	0	1	0	0	0	0	0	0	1	0	0	0	1	4
UNIVERSITY OF SOUTHWESTERN LOUISIANA	0	0	0	1	0	0	2	1	0	0	0	0	0	0	0	4
UNIVERSITY OF WISCONSIN-MILWAUKEE	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	4
VILLANOVA UNIVERSITY	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
WESTERN KENTUCKY UNIVERSITY	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
BOARD OF REGENTS ACTING FOR AND ON BEHALF OF UNIVERSITY OF M	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	3
CLARK UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
CORPORATION OF GONZAGA UNIVERSITY	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
EASTERN VIRGINIA MEDICAL SCHOOL	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	3
HARVEY MUDD COLLEGE	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
LOMA LINDA UNIVERSITY	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
MADISON COLLEGE FOUNDATION, INC.	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
MEDICAL COLLEGE OF GA. RESEARCH INSTITUTE, INC.	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
MIAMI UNIVERSITY	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	3
NORTH DAKOTA STATE UNIVERSITY DEVELOPMENT FOUNDATION	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
PORTLAND STATE UNIVERSITY	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3
SAN DIEGO STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3

ALL U.S. COLLEGES AND UNIVERSITIES, UTILITY PATENTS GRANTED 1969 - 1997

	Pre 1984	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Total
TEXAS TECH UNIVERSITY	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	3
TRINITY UNIVERSITY	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	3
UNIVERSITY OF GEORGIA	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3
UNIVERSITY OF KANSAS CENTER FOR RESEARCH	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	3
UNIVERSITY OF KENTUCKY, THE BOARD OF TRUSTEES OF	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
UNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
UNIVERSITY OF MARYLAND EASTERN SHORE	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3
UNIVERSITY OF THE PACIFIC	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	3
VIRGINIA POLYTECHNIC INSTITUTE EDUCATIONAL FOUNDATION, INC.	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
WASHINGTON UNIVERSITY TECHNOLOGY ASSOCIATES, INC.	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	3
BALL STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
BOARD OF OVERSEERS OF GOSHEN COLLEGE	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BOARD OF REGENTS OF THE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF NI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
BOARD OF TRUSTEES OF THE WICHITA STATE UNIVERSITY	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2
BROOKLYN COLLEGE FOUNDATION	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
BROWN UNIVERSITY	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2
CLARKSON UNIVERSITY	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
CORNELL UNIVERSITY	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
CREIGHTON UNIVERSITY OFFICE OF TECHNOLOGY LICENSING	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
DENVER RESEARCH INSTITUTE	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
DREXEL INSTITUTE OF TECHNOLOGY	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
DUKE UNIVERSITY MEDICAL CENTER	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2
FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
FLORIDA INSTITUTE OF TECHNOLOGY	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
FOUNDATION AT NEW JERSEY INSTITUTE OF TECHNOLOGY	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
JAMES MADISON UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
LAKE FOREST COLLEGE	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MANHATTAN COLLEGE	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MEMPHIS STATE UNIVERSITY	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2
NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
PHILADELPHIA COLLEGE OF TEXTILES AND SCIENCE	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
PURDUE UNIVERSITY	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
SAN JOSE STATE UNIVERSITY FOUNDATION	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
SOUTH DAKOTA STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
SOUTHEASTERN ILLINOIS COLLEGE FOUNDATION	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
THE MEDICAL COLLEGE OF PENNSYLVANIA	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
TULANE UNIVERSITY	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
TUSKEGEE UNIVERSITY	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2
UNIVERSITY OF ARKANSAS FOUNDATION	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF CHICAGO (ARCH DEVELOPMENT CORP.)	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
UNIVERSITY OF CINCINNATI, BOARD OF DIRECTORS OF	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF CONNECTICUT RESEARCH & DEVELOPMENT CORP.	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF DENVER, COLORADO SEMINARY	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2
UNIVERSITY OF HOUSTON SYSTEM	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
UNIVERSITY OF IDAHO RESEARCH FOUNDATION, INC.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF LOUISVILLE	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
UNIVERSITY OF MARYLAND, SCHOOL OF MEDICINE	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
UNIVERSITY OF NORTH TEXAS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
UNIVERSITY OF SCRANTON	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
UNIVERSITY OF TENNESSEE	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2
UNIVERSITY OF TENNESSEE RESEARCH CENTER	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2
UNIVERSITY RESEARCH FOUNDATION	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2
VIRGINIA COMMONWEALTH UNIVERSITY MEDICAL COLLEGE	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
WIDENER COLLEGE	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

ALL U.S. COLLEGES AND UNIVERSITIES, UTILITY PATENTS GRANTED 1969 - 1997

	Pre 1984	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Total
ADELPHI RESEARCH CENTER, INC.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ALL AMERICAN UNIVERSITY, INCORPORATED	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
AMERICAN TECHNOLOGICAL UNIVERSITY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ANTIOCH COLLEGE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
AUBURN UNIVERSITY RESEARCH FOUNDATION	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BAYLOR RESEARCH FOUNDATION, A NONPROFIT CORPORATION OF THE S	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
BOARD OF REGENTS FOR EDUCATION OF THE STATE OF RHODE ISLAND	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
BOARD OF REGENTS OF THE OU	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
BOSTON COLLEGE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
BOSTON UNIVERSITY RESEARCH FOUNDATION	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
BOWMAN GRAY SCHOOL OF MEDICINE, WAKE FOREST UNIVERSITY	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
BRADLEY UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
BUREAU OF FACULTY RESEARCH OF WESTERN WASHINGTON UNIVERSITY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BW BROWN UNIVERSITY RESEARCH FOUNDATION	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
CALIFORNIA INSTITUTE OF TECHNOLOGY, JET PROPULSION LABORATORY	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
CALIFORNIA STATE UNIVERSITY FULLERTON FOUNDATION	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
CENTRAL MICHIGAN UNIVERSITY BOARD OF TRUSTEES	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CHAPMAN COLLEGE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
CITY COLLEGE OF NEW YORK	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
COLLEGE OF FORESTRY, WILDLIFE & RANGE SCIENCES, UNIVERSITY O	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
COOPER UNION RESEARCH FOUNDATION, INC.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
COOPERATIVE INSTITUTE FOR RESEARCH IN ENVIRONMENTAL SCIENCES	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
DEPARTMENT OF MECHANICAL ENGINEERING LOUISIANA TECH UNIVERSI	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DIVISION OF PLASTIC SURGERY OF THE MEDICAL SCHOOL OF NORTHWE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DUKE UNIVERSITY PATENTS FOUNDATION	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
EAST TENNESSEE STATE UNIVERSITY	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
EASTERN WASHINGTON UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
ENDOWMENT AND ALUMNI FOUNDATION AT MONTANA STATE UNIVERSITY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ENGINEERING RESEARCH CTR., NORTH CAROLINA STATE UNIV.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
FAIRFIELD UNIVERSITY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FORT VALLEY STATE COLLEGE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
GEORGE MASON UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
GEORGE WASHINGTON UNIVERSITY, OFFICE OF SPONSORED RESEARCH	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
GRAND VALLEY STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
IOWA STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
IOWA, THE STATE OF FOR THE USE AND BENEFIT OF	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
JESUIT COMMUNITY AT LOYOLA UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
JOHNS HOPKINS HOSPITAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
KANSAS STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
KRESGE EYE INSTITUTE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
KRESGE EYE INSTITUTE OF WAYNE STATE UNIVERSITY	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
LAMAR STATE COLLEGE OF TECHNOLOGY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LEHIGH UNIVERSITY AND NORTHEAST BENJAMIN FRANKLIN TECHNOLOGY CENTER (	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
MARQUETTE SCHOOL OF MEDICINE, INC.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MASSACHUSETTS COLLEGE OF OPTOMETRY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MEDICAL COLLEGE OF GEORGIA FOUNDATION INC.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MILWAUKEE SCHOOL OF ENGINEERING	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
MINNESOTA STATE UNIVERSITY SYSTEM THROUGH ITS MANKATO STATE UNIVERSIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
MONTCLAIR STATE COLLEGE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
NEW YORK CHIROPRACTIC COLLEGE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
NEW YORK UNIVERSITY & JURIDICAL FOUNDATION	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
NORTH DAKOTA STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCI	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
NORTH WESTERN UNIV. TECHNOLOGY TRANSFER PROG.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
NORTHEAST UNIVERSITY OF TECHNOLOGY	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
NOVA UNIVERSITY	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1

ALL U.S. COLLEGES AND UNIVERSITIES, UTILITY PATENTS GRANTED 1969 - 1997

	Pre 1984	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Total
OHIO MEDICAL COLLEGE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
OHIO NORTHERN UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PEPPERDINE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
POLYMER PROCESSING INSTITUTE	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
POLYTECHNIC INSTITUTE OF BROOKLYN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PRESIDENT & TRUSTEES OF THE MIAMI UNIVERSITY	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
PURDUE RESEARCH CORPORATION	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PURDUE RESEARCH LABORATORY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
REGENTS FOR EDUCATION OF THE STATE OF RHODE ISLAND	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
REGENTS OF THE UNIVERSITY OF MINNEAPOLIS	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
REGIS COLLEGE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
RIT RESEARCH CORP.	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
SALISBURY STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
SAN DIEGO STATE COLLEGE FOUNDATION	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SHAW UNIVERSITY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SIENA COLLEGE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SMITH COLLEGE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
STATE OF IOWA FOR USE AND BENEFIT OF THE UNIVERSITY OF IOWA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TEXAS A&M UNIVERSITY SYSTEM TECHNOLOGY LICENSING OFFICE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
TEXAS COLLEGE OF OSTEOPATHIC MEDICINE	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
TEXAS WESLEYAN UNIVERSITY, INC.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
THE CORPORATION OF MERCER UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
THE REGENTS OF NEW MEXICO STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ALAMOS NATIONAL LABORATORY	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
THE UNIVERSITY FOUNDATION, CALIFORNIA STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
THE UNIVERSITY OF MEMPHIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TOURO COLLEGE	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
TRUSTEES OF DAVIDSON COLLEGE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TRUSTEES OF THE COLLEGE OF AERONAUTICS	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
TUFTS UNIVERSITY SCHOOL OF MEDICINE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
TULANE MEDICAL CENTER OF TULANE UNIV.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
U.T. BOARD OF REGENTS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIV. OF CHICAGO DEVELOPMENT CORP. ARGONNE NATIONAL LABORATORIES	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
UNIV. OF TX MD ANDERSON CANCER CENTER	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. BOYD GRADUATE STUDIES	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
UNIVERSITY OF HARTFORD	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
UNIVERSITY OF HAWAII, OFFICE OF TECHNOLOGY TRANSFER AND ECONOMIC DEVELOPMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
UNIVERSITY OF LOUISVILLE FOUNDATION	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
UNIVERSITY OF NEW ENGLAND	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
UNIVERSITY OF NEW ORLEANS	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
UNIVERSITY OF OKLAHOMA FOUNDATION, INC.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY OF OKLAHOMA RESEARCH INSTITUTE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY OF PATENTS, INC.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
UNIVERSITY OF PITTSBURGH MEDICAL CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
UNIVERSITY OF PORTLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER HOUSTON	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
UNIVERSITY OF TULSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
UNIVERSITY OF VIRGINIA AND NATIONAL AERONAUTICS & SPACE ADMINISTRATION	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY OF WEST FLORIDA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
UNIVERSITY OF WISCONSIN-STOUT MANUFACTURING LABORATORY	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
UT SW MEDICAL CENTER AT DALLAS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

ALL U.S. COLLEGES AND UNIVERSITIES, UTILITY PATENTS GRANTED 1969 - 1997

	Pre 1984	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	Total
VIRGINIA STATE UNIVERSITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
WABASH COLLEGE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
WASHINGTON UNIVERSITY SCHOOL OF MEDICINE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
WESTERN WASHINGTON STATE COLLEGE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
XAVERIUS COLLEGE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Other Organizations (0)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0